

1969 Index of Articles

Western Manufacturing — Volume 34

Authors

	Issue	Page
Bench, Robert L.—A look at driverless tractors	Oct.	37
Brower, David F.—Machine tool trends	March	21
Bryan, James B.—Thermal effects in machining	March	51
Ferguson, D. D.—Machine tool trends	March	21
Gesell, William G.—Machine tool trends	March	21
Hankins, William—Process your garbage for sale	Sept.	46
Johnson, Glen R.—Material handling for the 70's	Oct.	55
Krahe, Donald C.—Western plant development and expansion	April	23
Maimone, S. P.—How to use castable refractories	Nov.	40
Martineau, Carl P. Jr.—Trends in Western plant electrical construction	April	26
McClure, E. R.—Thermal effects in machining	March	51
Pearson, J. W.—Thermal effects in machining	March	51
Williams, E. A.—Machine tool trends	March	21
Wilson, Jack L.—Machine tool trends	March	21
Wittman, Robert H.—Explosive bonding of metals	April	48
Yomine, Daniel J.—Machine tool trends	March	21

Manufacturing processes, operations

Automatic batching at clay tile plant—Kraftile Co.	June	37
Blow molding polyethylene bottles—Western Preformed Container Co.	Jan.	38
Building lightweight trailers—Calkins Manufacturing Co.	Jan.	36
Computer programs for planning and production scheduling	April	60
Computer solves order blending problems—Menasha Corp.	March	58
DC-10 production begins—McDonnell Douglas	April	38
Die casting and injection molding in one plant—Peco Manufacturing Co., Inc.	June	42
Electrical discharge machining—Assembly-Overland Machined Products	July	38
Electrically heated press cuts rubber cure time—Stillman Rubber Division, Sargent Industries, Inc.	Sept.	34
Electro-optical sorting system—J. R. Simplot Co.	Oct.	52
Filament winding glass fiber snow skis—W. J. Voit Rubber Company	May	32
Filament winding for lightweight pipe—United Technology Center	Jan.	32
Ganged parts speed drilling and grinding—Assembly-Overland Machined Products	May	42

	Issue	Page
Machining miniature die sets—Vic, Inc.	March	30
Manufacturing 150-ton concrete pipe—American Pipe and Construction Co.	Oct.	31
Manufacturing magnetic recording tape—Audio Magnetics Corp.	Feb.	40
New equipment increases production—Lodi Fab Industries	Aug.	42
Nonmetallic tubular parts production—Flexible Tubing Division of Automation Industries	Dec.	21
Off-the-shelf components used on sport vehicle—Lautrup, Inc.	Aug.	40
Injection moulding and die casting in one plant—Peco Manufacturing Co.	Oct.	31
Welders on swinging booms—Jarke-Western Corp.	Sept.	31
West's largest coil coating plant—Reliance Steel & Aluminum Co.	Sept.	23
Wide coil slitting—Capitol Metals Co., Inc.	Jan.	30

Material handling, packaging, shipping

Automated carton handling equipment—Goleta Lemon Assoc.	Oct.	49
Automated warehouse—Rohr Corp.	Oct.	27
Automated batching at clay tile plant—Kraftile Co.	June	37
Automatic palletizing operation—Union Carbide	April	54
Bulk material stored in modular van boxes—Union Carbide	July	31
Driverless tractors—Wilson Paper Co.	Oct.	37
Electro-optical sorting system—J. R. Simplot Co.	Oct.	52
Foamed plastic fill	April	47
Handling plastic milk bottles—Stewart-Walker Division, Hunter Industries	Dec.	24
Hand truck: when to use it; how to select it	Aug.	38
How UP keeps tab on rail cars—Union Pacific Railroad	Dec.	31
Integrated case and pallet handling equipment—Pepsi Cola Co.	Oct.	42
Material handling for the 70's	Oct.	55
Power conveyor system provides continuous flow	June	32
Special handling machines for 150-ton concrete pipe—American Pipe and Construction Co.	Oct.	31
Special peg racks handle aircraft skins—McDonnell Douglas Astronautics Co.	Nov.	23
Racks improve truck loading—Pepsi Cola Bottling Co.	Nov.	36
Three-city computer network links warehouses and sales offices—Van Waters & Rogers	Oct.	46

	Issue	Page
Towline system controlled by one dispatcher— Waterways Terminal Co.	May	24
Versatile overhead handling system— Samsonite Corp.	Nov.	27

Metals, metalworking, fabrication

Aluminum heat treating setup— Alum-A-Therm, Inc.	Dec.	30
Automatic chucker doubles production— Henry Engineering Co.	May	50
Computer directed machine tools— Sundstrand-Denver	Aug.	30
Computer programs for planning and production scheduling	April	60
Crush form grinding— Precision Form Grinding	July	34
DC-10 production begins— McDonnell Douglas	April	38
Die shop's growth formula—Forge Die Co.	Dec.	28
Electrical discharge machining— Assembly-Overland Machined Products	July	38
Electron beam welding— Electron Research Inc.	Aug.	26
Explosive bonding of metals	April	48
Explosive forming—Aerojet General Corp.	July	51
Flame spray parts rebuilding— Allied Engineering & Production Corp.	April	32
Foamed aluminum forming—Dynafoam, Inc. ..	May	46
Foam workpieces check N/C tapes— Douglas Aircraft Co.	May	28
Furnace handles 13-ft wide parts— Cal-Doran Metallurgical Service, Inc.	Aug.	36
Ganged parts speed drilling and grinding— Assembly-Overland Machined Products....	May	42
Machine shop's flexible tools— Assembly-Overland Machined Products....	Feb.	28
Machining miniature die sets—Vic, Inc.	March	30
Natural gas for ,500 cutting torches— Todd Shipyards	Dec.	26
Sputtering applications multiply— Advanced Coating Technology, Inc.	Dec.	37
Metal forming with urethane tooling	Feb.	46
N/C machining operation— Fibreform Electronics, Inc.	Jan.	42
Non-metallic tubular parts production— Flexible Tubing Division of Automation Industries	Dec.	21
Profiler doubles as thread mill	Feb.	28
Single-station hole punching— E&B Sheet Metal Co.	Aug.	28
Simple steel rule dies cut die making costs— North American Rockwell Corp.	May	38
Sputtering applications multiply— Advanced Coating Technology, Inc.	Dec.	37
Sputtering—New uses for old coating process....	June	26
Stainless composition ups production— Stratojet Corp.	Dec.	27
Thermal effects in machining—A symposium	March	51
West's largest coil coating plant— Reliance Steel & Aluminum Co.	Sept.	23
Wide coil slitting—Capitol Metals Co., Inc.	Jan.	30

Miscellaneous

Ball bearing life increased by flexible raceway	July	49
Castable refractories—How to use them	Nov.	40
Explosive bonding of metals	April	48

	Issue	Page
Foamed aluminum—Dynafoam Inc.	May	46
Index—1968 volume	Jan.	62
Index—1969 volume	Dec.	00
Lightweight pipe manufacture— United Technology Center	Jan.	32
Industrial parks—Special services offered	June	35
Process your garbage for sale	Sept.	46
Refining precious metal from scrap— Handy & Harman	Nov.	32
Spray-on foam insulates rocket fuel tank— North American Rockwell	Jan.	26
Sputtering applications multiply— Advanced Coating Technology, Inc.	Dec.	37
Sputtering—New uses for old coating process ..	June	26
Steel Service Center Institute— Report of San Francisco conference	June	7
Reproduction and filing of engineering drawings—Soule Steel Co.	June	44
United Inventors and Scientists of America	Jan.	35
Waste disposal—Strict rules for San Francisco Bay Area	Sept.	43
WESTEC—Show preview	March	35
WESTEC—Show report	April	34

Plant engineering, maintenance

Computer helps schedule maintenance and lubrication	Sept.	27
Designing a new paper distribution center— Wilson Paper Co.	Oct.	37
Dust control systems—Report	July	27
Dry surface lubricant for furnace electrode guides—Pacific Steel Casting Co.	Aug.	43
Exterminator heads off potential pest problems—Spectrol Electronics Corp.	Sept.	40
Flame spray parts rebuilding— Allied Engineering & Production Corp.	April	32
Floor sweeping in 221,000-sq ft plant— Caffers & Sattler, Inc.	March	49
Foundry dust control system— Price Pfister Brass Manufacturing Co.	July	23
Gas units for process heat and cooling— Precision Aluminum Coatings	June	40
Hard facing applied by flame spray— Sturm Machine Co., Inc.	Feb.	44
Hydraulically powered tube cleaner speeds heat exchanger maintenance	April	44
Lubrication and maintenance scheduled by computer	Sept.	27
No columns in this plant— Trus-Joist Manufacturing Co.	Dec.	32
Plant development and expansion in the West	April	23
Plant electrical systems	April	26
Preventive maintenance tips for fire prevention	July	45
Process your garbage for sale	Sept.	46
Refining precious metal from scrap— Handy & Harman	Nov.	32
Reproduction and filing of engineering drawings—Soule Steel Co.	June	44
Stand-by propane unit for plant power— Ferro Corp.	Feb.	34
Valves for food processing operation— Wilsey-Bennet Corp.	Aug.	41
Waste disposal—Strict rules for San Francisco Bay Area	Sept.	43
Welders on swinging booms speed operations—Jarke Western Corp.	Sept.	31

